

# State Geospatial Data Coordination Procedure

## District of Columbia

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### Purpose of the Procedure

Flood Insurance Studies search for geospatial data during Discovery tasks. If needed data are not available, studies might fund the collection of new data and would like to know about other organizations that might share in these costs. Detailed information about the role geospatial data coordination plays in studies is in the *Geospatial Data Coordination Implementation Guide*, which is available at

<<https://hazards.fema.gov/femaportal/docs/GeoDataImplem.pdf>>.

# State Geospatial Data Coordination Procedure

Resources developed through FEMA's geospatial data coordination activities provide information about data and contacts for organizations that have geospatial data that cover large areas (like states) in which many studies are interested. Studies can avoid wasting time with dead-end searches and cold calls by starting with these proven sources of information.

One resource is this Geospatial Data Coordination Procedure. It outlines sources of geospatial data and contact information, preferences for base map data and state geospatial participation in flood insurance studies, information for the project Discovery stage, and other useful information for the District.

If you have questions about this procedure or other geospatial data coordination resources, contact the geospatial data coordination lead in your Regional Support Center (RSC):

Anthony Scardino, Geospatial Data Coordination Lead  
RAMPP Regional Support Center 3  
(215) 940-9220  
[ascardino@dewberry.com](mailto:ascardino@dewberry.com)

## Default Flood Hazard Base Map for the District

The default base map for flood hazard maps for the District is a vector-based map.

## Geospatial Data Coverage

Find below information about and links to districtwide (and Federal agencies' national) geospatial datasets. The list is provided to save time during Discovery activities when building a list of candidate geospatial datasets available for the study; it is not a prescription of datasets that must be used in a Flood Insurance Study.

### Major District Holdings

#### Orthophotos

Dataset name: Orthophoto - 2010

Data currentness: April 2010

Accuracy/Scale: 1:1,200

Horizontal datum: NAD 83

Fee associated? No

Available for redistribution? Yes

Dataset source: DC GIS Data Clearinghouse

Dataset contact: GIS Data Coordinator, 441 4th Street NW, Suite 930 South, Washington D.C. 20001, Phone: (202)727-5660, [dcgis@dc.gov](mailto:dcgis@dc.gov)

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## Transportation (roads, railroads, and airports)

Dataset name: Roads

Data currentness: April 2010

Accuracy/Scale: varies

Horizontal datum: NAD 83

Fee associated? No

Available for redistribution? Yes

Dataset source: DC GIS Data Clearinghouse

Dataset contact: GIS Data Coordinator, 441 4th Street NW, Suite 930 South, Washington D.C. 20001, Phone: (202)727-5660, [dcgis@dc.gov](mailto:dcgis@dc.gov)

## Hydrography (rivers, streams, lakes, and shorelines)

Dataset name: Watersheds

Data currentness: April 2007

Accuracy/Scale: 1:24,000

Horizontal datum: NAD 83

Fee associated? No

Available for redistribution? Yes

Dataset source: DC GIS Data Clearinghouse

Dataset contact: GIS Data Coordinator, 441 4th Street NW, Suite 930 South, Washington D.C. 20001, Phone: (202)727-5660, [dcgis@dc.gov](mailto:dcgis@dc.gov)

Dataset name: Hydrography

Data currentness: June, 2002

Accuracy/Scale: No horizontal accuracy report has been compiled for this dataset

Horizontal datum: NAD 83

Fee associated? No

Available for redistribution? Yes

Dataset source: DC GIS Data Clearinghouse

Dataset contact: GIS Data Coordinator, 441 4th Street NW, Suite 930 South, Washington D.C. 20001, Phone: (202)727-5660, [dcgis@dc.gov](mailto:dcgis@dc.gov)

Notes: File includes Rivers, Streams, Canals, Shorelines, Dams, Falls, Aqueducts, and inland water

## Political boundaries (county, municipal)

Dataset name: DC Boundary

Data currentness: June 2002

Accuracy/Scale: No horizontal accuracy report has been compiled for this dataset

Horizontal datum: NAD 83

Fee associated? No

Available for redistribution? Yes

Dataset source: DC GIS Data Clearinghouse

Dataset contact: GIS Data Coordinator, 441 4th Street NW, Suite 930 South, Washington D.C. 20001, Phone: (202)727-5660, [dcgis@dc.gov](mailto:dcgis@dc.gov)

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Notes: Government Jurisdictions, Political Jurisdictions, Boundary

## Publicly owned lands (national, state, and local parks, forests, etc)

Dataset name: Parks (2002) and Recreation Parks (2010)

Data currentness: June 2002, and May 2010

Accuracy/Scale: 1:24,000 and No horizontal accuracy report has been compiled for this dataset

Horizontal datum: NAD 83

Fee associated? No

Available for redistribution? Yes

Dataset source: DC GIS Data Clearinghouse

Dataset contact: GIS Data Coordinator, 441 4th Street NW, Suite 930 South, Washington D.C. 20001, Phone: (202)727-5660, [dcgis@dc.gov](mailto:dcgis@dc.gov)

## Cadastral (parcels)

Dataset name: Parcel Lots

Data currentness: 2006

Accuracy/Scale: 1:100

Horizontal datum: NAD 83

Fee associated? No

Available for redistribution? Yes

Dataset source: DC GIS Data Clearinghouse

Dataset contact: GIS Data Coordinator, 441 4th Street NW, Suite 930 South, Washington D.C. 20001, Phone: (202)727-5660, [dcgis@dc.gov](mailto:dcgis@dc.gov)

## Terrain (elevation)

Dataset name: Topography – Two Foot Contours and Topography – Ten Foot Contours

Data currentness: December 2009 and February 2010

Accuracy/Scale: No horizontal accuracy report has been compiled for this dataset

Horizontal datum: NAD 83

Fee associated? No

Available for redistribution? Yes

Dataset source: DC GIS Data Clearinghouse

Dataset contact: GIS Data Coordinator, 441 4th Street NW, Suite 930 South, Washington D.C. 20001, Phone: (202)727-5660, [dcgis@dc.gov](mailto:dcgis@dc.gov)

## Data Distribution Process for District Data

DC GIS services are provided free of charge to all users. The data on DC GIS Data Clearinghouse is provided by federal, district, local and regional government agencies, non-profit organizations, and academic institutions throughout the region.

Data licensing is dealt with on a dataset by dataset basis. Use is permitted only after agreeing to a terms of use and warranty disclaimer.

# State Geospatial Data Coordination Procedure

## Useful Risk MAP Discovery Data Sources

Preliminary information on Discovery data sources is provided in this document to reduce the level of effort needed on each subsequent Discovery data collection effort.

Coordination with local community sponsors for additional local data still remains an integral part of Discovery and local data should be used where appropriate.

The *National Discovery Data Coordination Procedure* document contains information on data resources available from other Federal agencies (OFAs), including those that FEMA maintains at the national level, and should be used in conjunction with this State Geospatial Data Coordination Procedure document. In addition, FEMA and its contractors have created a geospatial Discovery Data Repository to host data that are not readily accessible through direct sources such as Web sites or subscription services and/or are not updated on a frequent basis. Instructions on accessing the Discovery Data Repository are given in the *National Discovery Data Coordination Procedure* document.

Table 1 identifies data resources that are available at the regional and State levels, and also if there are no data available other than the national datasets. Resources in this table have been identified as appropriate for Discovery projects and may not represent the best data sources for FIRM production (please see the Major State Holdings section of this document for geospatial data that meets FIRM production requirements).

Table 1. Discovery Data Resources

| <u>Data</u>               | <u>Agency</u>             | <u>Location</u>   |
|---------------------------|---------------------------|---|
| Watershed boundaries      | DC GIS Data Clearinghouse | <a href="http://dcatlas.dcgis.dc.gov/catalog/">http://dcatlas.dcgis.dc.gov/catalog/</a><br>POC: Julia Evans<br>DDOE<br>Environmental Engineer<br>202-497-7700<br><a href="mailto:julia.evans@dc.gov">julia.evans@dc.gov</a> |
|                           | National                  | See <i>National Discovery Data Coordination Procedure</i>   |
| Jurisdictional boundaries | DC GIS Data Clearinghouse | <a href="http://dcatlas.dcgis.dc.gov/catalog/">http://dcatlas.dcgis.dc.gov/catalog/</a><br>POC: Julia Evans<br>DDOE<br>Environmental Engineer<br>202-497-7700<br><a href="mailto:julia.evans@dc.gov">julia.evans@dc.gov</a> |
|                           | National                  | See <i>National Discovery Data Coordination Procedure</i>   |
| Tribal land boundaries    | National                  | See <i>National Discovery Data Coordination Procedure</i>   |
| State lands               | DC GIS Data Clearinghouse | <a href="http://dcatlas.dcgis.dc.gov/catalog/">http://dcatlas.dcgis.dc.gov/catalog/</a>   |

# State Geospatial Data Coordination Procedure

| <u>Data</u>  | <u>Agency</u>                             | <u>Location</u>  |
|--|---|--|
| Federal lands  | DC GIS Data Clearinghouse<br><br>National | <a href="http://dcatlas.dcgis.dc.gov/catalog/">http://dcatlas.dcgis.dc.gov/catalog/</a><br>POC: Julia Evans<br>DDOE<br>Environmental Engineer<br>202-497-7700<br><a href="mailto:julia.evans@dc.gov">julia.evans@dc.gov</a><br><br><i>See National Discovery Data Coordination Procedure</i> |
| Major roads  | DC GIS Data Clearinghouse<br><br>National | <a href="http://dcatlas.dcgis.dc.gov/catalog/">http://dcatlas.dcgis.dc.gov/catalog/</a><br>POC: Julia Evans<br>DDOE<br>Environmental Engineer<br>202-497-7700<br><a href="mailto:julia.evans@dc.gov">julia.evans@dc.gov</a><br><br><i>See National Discovery Data Coordination Procedure</i> |
| Streams  | DC GIS Data Clearinghouse<br><br>National | <a href="http://dcatlas.dcgis.dc.gov/catalog/">http://dcatlas.dcgis.dc.gov/catalog/</a><br>POC: Julia Evans<br>DDOE<br>Environmental Engineer<br>202-497-7700<br><a href="mailto:julia.evans@dc.gov">julia.evans@dc.gov</a><br><br><i>See National Discovery Data Coordination Procedure</i> |
| Coastal Barrier Resource Areas                                     | N/A                                       | N/A  |
| Coordinated Needs Management Strategy                              | National                                  | <i>See National Discovery Data Coordination Procedure</i>  |
| Topographic/ bathymetric data                                      | DC GIS Data Clearinghouse<br><br>National | <a href="http://dcatlas.dcgis.dc.gov/catalog/">http://dcatlas.dcgis.dc.gov/catalog/</a><br>POC: Julia Evans<br>DDOE<br>Environmental Engineer<br>202-497-7700<br><a href="mailto:julia.evans@dc.gov">julia.evans@dc.gov</a><br><br><i>See National Discovery Data Coordination Procedure</i> |
| AAL data from Hazus  | National                                  | <i>See National Discovery Data Coordination Procedure</i>  |
| Coverage areas for known community and Tribal risk assessment data | Local                                     | Local  |
| Status of Hazard Mitigation Plans                                  | National                                  | <i>See National Discovery Data Coordination Procedure</i>  |

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| <u>Data</u>  | <u>Agency</u>             | <u>Location</u>   |
|--|---------------------------|---|
| Flood control structure data   | DC GIS Data Clearinghouse | <a href="http://dcatlas.dcgis.dc.gov/catalog/">http://dcatlas.dcgis.dc.gov/catalog/</a><br>POC: Julia Evans<br>DDOE<br>Environmental Engineer<br>202-497-7700<br><a href="mailto:julia.evans@dc.gov">julia.evans@dc.gov</a> |
|  | National                  | See <i>National Discovery Data Coordination Procedure</i>   |
| Locations of stream gages  | National                  | See <i>National Discovery Data Coordination Procedure</i>   |
| Locations of past flood claims and repetitive loss properties  | National                  | See <i>National Discovery Data Coordination Procedure</i>   |
| Locations of clusters of Letters of Map Change   | National                  | See <i>National Discovery Data Coordination Procedure</i>   |
| Known flooding issues not represented on effective FIRMs or listed in Coordinated Needs Management Strategy database | Local                     | Local   |
| Areas of planned development   | DC GIS Data Clearinghouse | <a href="http://dcatlas.dcgis.dc.gov/catalog/">http://dcatlas.dcgis.dc.gov/catalog/</a><br>POC: Julia Evans<br>DDOE<br>Environmental Engineer<br>202-497-7700<br><a href="mailto:julia.evans@dc.gov">julia.evans@dc.gov</a> |
| Areas of land use change datasets  | DC GIS Data Clearinghouse | <a href="http://dcatlas.dcgis.dc.gov/catalog/">http://dcatlas.dcgis.dc.gov/catalog/</a><br>POC: Julia Evans<br>DDOE<br>Environmental Engineer<br>202-497-7700<br><a href="mailto:julia.evans@dc.gov">julia.evans@dc.gov</a> |
|  | National                  | See <i>National Discovery Data Coordination Procedure</i>   |
| Locations of ongoing projects or updated stream studies (e.g. highway improvements)                                  | Local                     | Local   |
| Locations of wave and tide gages   | N/A                       | N/A   |
| Locations of wind gages  | N/A                       | N/A   |
| Proposed inland limit of the Primary Frontal Dune, if present  | N/A                       | N/A   |
| Locations of any beach nourishment or dune restoration projects Required   | N/A                       | N/A   |
| Comparison of preliminary stillwater elevations with effective stillwater elevations                                 | Local                     | Local   |

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| <u>Data</u>  | <u>Agency</u>             | <u>Location</u>   |
|--|---------------------------|---|
| Available effective study data   | National                  | See <i>National Discovery Data Coordination Procedure</i>   |
| Orthophotography   | DC GIS Data Clearinghouse | <a href="http://dcatlas.dcgis.dc.gov/catalog/">http://dcatlas.dcgis.dc.gov/catalog/</a><br>POC: Julia Evans<br>DDOE<br>Environmental Engineer<br>202-497-7700<br><a href="mailto:julia.evans@dc.gov">julia.evans@dc.gov</a> |
|  | National                  | See <i>National Discovery Data Coordination Procedure</i>   |
| Proposed discussion areas, problem areas, areas of proposed mitigation projects  | Local                     | Local   |
| Land use and soil information  | National                  | See <i>National Discovery Data Coordination Procedure</i>   |
| Reference points to locate areas with flooding issues  | DC GIS Data Clearinghouse | <a href="http://dcatlas.dcgis.dc.gov/catalog/">http://dcatlas.dcgis.dc.gov/catalog/</a><br>POC: Julia Evans<br>DDOE<br>Environmental Engineer<br>202-497-7700<br><a href="mailto:julia.evans@dc.gov">julia.evans@dc.gov</a> |
| Hydraulic structures   | DC GIS Data Clearinghouse | <a href="http://dcatlas.dcgis.dc.gov/catalog/">http://dcatlas.dcgis.dc.gov/catalog/</a><br>POC: Julia Evans<br>DDOE<br>Environmental Engineer<br>202-497-7700<br><a href="mailto:julia.evans@dc.gov">julia.evans@dc.gov</a> |
|  | National                  | See <i>National Discovery Data Coordination Procedure</i>   |
| Coastal structures, including flood protection structures, shoreline structures, manmade embankments, surge conveyance pathways, and shoreline change data | DC GIS Data Clearinghouse | <a href="http://dcatlas.dcgis.dc.gov/catalog/">http://dcatlas.dcgis.dc.gov/catalog/</a><br>POC: Julia Evans<br>DDOE<br>Environmental Engineer<br>202-497-7700<br><a href="mailto:julia.evans@dc.gov">julia.evans@dc.gov</a> |
|  | National                  | See <i>National Discovery Data Coordination Procedure</i>   |
| Local structure and topographic data from the existing hazard mitigation plans   | DC GIS Data Clearinghouse | <a href="http://dcatlas.dcgis.dc.gov/catalog/">http://dcatlas.dcgis.dc.gov/catalog/</a><br>POC: Julia Evans<br>DDOE<br>Environmental Engineer<br>202-497-7700<br><a href="mailto:julia.evans@dc.gov">julia.evans@dc.gov</a> |
| Historic inundation areas and High Water Marks   | Regional                  | Discovery Data Repository   |

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| <u>Data</u>   | <u>Agency</u>             | <u>Location</u>   |
|---|---------------------------|---|
| Clusters or locations of Individual Assistance/Public Assistance grants and locations of grant projects completed, planned, or underway   | National                  | See <i>National Discovery Data Coordination Procedure</i>   |
| Locations of projects and structures completed or planned for FEMA Hazard Mitigation Assistance grant programs or mitigation funds from other agencies or entities, such as the Small Business Administration | National                  | See <i>National Discovery Data Coordination Procedure</i>   |
| Other information on FEMA grants, as described in G&S Appendix I  | Local                     | Local   |
| Any data deficiencies identified in hazard mitigation plans   | Local                     | Local   |
| Information from FloodSmart on market penetration   | National                  | See <i>National Discovery Data Coordination Procedure</i>   |
| Community Assistance Visits / Community Assistance Contacts   | National                  | See <i>National Discovery Data Coordination Procedure</i>   |
| Community Rating System class information   | National                  | See <i>National Discovery Data Coordination Procedure</i>   |
| Information from other Federal agencies   | DC GIS Data Clearinghouse | <a href="http://dcatlas.dcgis.dc.gov/catalog/">http://dcatlas.dcgis.dc.gov/catalog/</a><br>POC: Julia Evans<br>DDOE<br>Environmental Engineer<br>202-497-7700<br><a href="mailto:julia.evans@dc.gov">julia.evans@dc.gov</a> |
|   | National                  | See <i>National Discovery Data Coordination Procedure</i>   |
| Information from State agencies, non-profit organizations, universities, etc.   | DC GIS Data Clearinghouse | <a href="http://dcatlas.dcgis.dc.gov/catalog/">http://dcatlas.dcgis.dc.gov/catalog/</a><br>POC: Julia Evans<br>DDOE<br>Environmental Engineer<br>202-497-7700<br><a href="mailto:julia.evans@dc.gov">julia.evans@dc.gov</a> |
| Current community plans, ordinances, or programs to alleviate flooding or manage stormwater   | National                  | See <i>National Discovery Data Coordination Procedure</i>   |

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| <u>Data</u>   | <u>Agency</u>   | <u>Location</u>  |
|---|---|--|
| Other known hazards with geographical boundaries (e.g. earthquake faults) | DC Department of Homeland Security and Emergency Management<br><br>National | <a href="http://www.dcema.dc.gov/">http://www.dcema.dc.gov/</a><br>Homeland Security and Emergency Management Agency<br>2720 Martin Luther King Jr. Avenue, SE<br>Washington, DC 20032<br>(202) 727-6161<br><br><i>See National Discovery Data Coordination Procedure</i>                    |
| Information on active disasters   | DC Department of Homeland Security and Emergency Management<br><br>National | <a href="http://www.dcema.dc.gov/">http://www.dcema.dc.gov/</a><br>Homeland Security and Emergency Management Agency<br>2720 Martin Luther King Jr. Avenue, SE<br>Washington, DC 20032<br>(202) 727-6161<br><br><i>See National Discovery Data Coordination Procedure</i>                    |
| Campgrounds, recreational areas, emergency access routes, etc.            | DC GIS Data Clearinghouse<br><br>National                                   | <a href="http://dcatlas.dcgis.dc.gov/catalog/">http://dcatlas.dcgis.dc.gov/catalog/</a><br>POC: Julia Evans<br>DDOE<br>Environmental Engineer<br>202-497-7700<br><a href="mailto:julia.evans@dc.gov">julia.evans@dc.gov</a><br><br><i>See National Discovery Data Coordination Procedure</i> |
| Any other data that might be appropriate                                  | Local   | Red Circle Data  |

## Federal Nationwide Geospatial Data Holdings

Information about nationwide holdings and programs of Federal agencies is available from the Mapping Information Platform web site at <https://hazards.fema.gov/femaportal/docs/ProgFacts.pdf>.

## Finding and Accessing Other Existing Geospatial Data

Find below information about and links to ways of searching for additional geospatial data available for the District. These capabilities can be useful for finding geospatial data other than the statewide and Federal data listed above, including those of special governments, counties and parishes, municipalities, tribes, universities, and other organizations.

### Clearinghouses and Inventories for the District

The DC GIS Data Clearinghouse is: <http://dcatlas.dcgis.dc.gov/catalog/>.

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## National Digital Orthophoto Program (NDOP) and National Digital Elevation Program (NDEP) Tracking Systems

These systems allow the search of orthophoto and elevation project information entered by federal and other organizations. To access the NDOP system, go to the NDOP web site at <http://www.ndop.gov> and follow the link “Project Tracking.” For the NDEP system, go to the NDEP web site at <http://www.ndep.gov> and follow the link “Project Tracking.”

## TED Query Tool

This tool provides access to information about Federal, state, and local government agency and private sector data holdings gathered by the Census Bureau.

## Geospatial One-Stop

Geospatial One-Stop, available at <http://www.geodata.gov>, provides access to geospatial data from many sources. Two parts of the site that should be investigated are the “data categories” for existing data and the “marketplace” for data that are planned or in-work and for potential partners for new data collection activities.

## Working with People

### Useful District and Federal Contacts

The main contacts for the State’s geospatial activities and Federal agencies’ representatives in State are available on the Mapping Information Platform web site at <https://hazards.fema.gov/contacts/statecontacts/contacts.asp?page=DC>.

### Involving the District’s Geospatial Coordinator in Flood Studies

The geospatial lead for the District is engaged with FEMA Region III through coordination with the Mitigation Planning Department.

### District Coordination Process for Building Geospatial Partnerships

The District has a geospatial data center to promote data sharing, listed above in Clearinghouses and Inventories for the District.

### Finding Local Geospatial Contacts

Local contacts, including those from special government districts (for example, a regional planning commission); counties, parishes, or equivalent governments; tribes, municipal governments; and other organizations (for example, local universities) also have geospatial data that can help a Flood Insurance Study. Contact information is available from the FEMA archive and web searches at government link portals such as <http://www.statelocalgov.net>.

# State Geospatial Data Coordination Procedure

## Provide Feedback on This Procedure

When you find information in this Procedure or in other FEMA or District resources that are outdated, please tell the geospatial data coordination lead in the Regional Support Center what was wrong and the correct information (if you know it). Use the contact information for the lead listed in the section Purpose of the Procedure.

The lead will use your feedback to update this Procedure.